

**AGENDA NOTE
FOR
THE 18TH MEETING OF THE CO-ORDINATION FORUM**

Date	25.01.2017
Time	11:30 AM
Venue	Conference Room, Circuit House, Rajkot

ITEM NO.	NOTES ON AGENDA
1.	Approval of the minutes of the 17 th Meeting of the Co-Ordination Forum held on 27 th May 2016
2.	Action Taken Report on the minutes of the 17 th Meeting of the Co-Ordination Forum
3.	Amendment in the GERC (Electricity Supply Code and Related Matters) Regulations, 2015
4.	Standard of Performance (SoP) and Monitoring of performance of CGRFs
5.	Presentation by Asia Power Quality Initiative
6.	Determination of generic tariff and other terms and conditions for procurement of power by Distribution Licensees from Municipal Solid Waste to energy projects.
7.	Status of Renewable Purchase Obligation (RPO)
8.	Wind Tariff Order No. 2 of 2016
9.	Hydro Tariff Order No. 5 of 2016
10.	Discussion Paper for determination of tariff for procurement of power by Distribution Licensees and other from Biomass based Power Projects and Bagasse based co-generation projects for the State of Gujarat.
11.	Status of Transmission Projects – Presentation by GETCO
12.	Status of RPO - Presentation by GEDA.
13.	Presentation on Power Sector Scenario by GUVNL.
14.	Any other Item with the permission of Chair.

Agenda Item No. 1

Approval of the minutes of the 17th Meeting of the Co-Ordination Forum held on 27th May, 2016

GERC vide its letter no GERC/VHT/17th Co-Ordination Form/Agenda/2016/1166 dated 14/06/2016 circulated minutes of the 17th Meetings of Co-ordination forum held on 27th May 2016 at Gandhinagar. Since, no comments have been received from the members, Minutes of the 17th Meeting may be treated as approved.

Agenda Item No. 2

Action Taken Report on the minutes of the 17 Meeting of the Co-Ordination Forum:

2.1 Item No. 2.2: It was instructed to DGVCL, PGVCL and UGVCL to speed up the activity of DT metering.

All four State gave an assurance that the Commission's directive of submission of report of energy audit exercise will be complied at the earliest.

Action Taken Reports of DISCOMS:

DGVCL, PGVCL, and MGVCL have submitted status of Distribution Transformers metered as on 31.10.2016 annexed as Annexure 1.

Energy Audit Report of pilot study of Energy Audit of JGY feeders:

MGVCL has selected 4 nos. of JGY feeders having high loss for the pilot study. The energy accounting is done for 119 nos. of Distribution Transformers out of total 311 nos. The energy audit exercise was carried out on 11 kV Nana Rampura feeder having 55 nos. of Distribution Transformer meters on the feeders. Replacement activity of meters which were either burnt or non-working is already taken on hand. Details of Energy Audit of JGY feeders selected in pilot study is annexed as Annexure 2.

UGVCL has selected 5 nos. of feeders with high losses (4 JGY feeders and 1 urban feeder) for the purpose of energy audit. Detailed report is annexed as Annexure 2. Updated status from UGVCL is awaited.

DGVCL has stated that 4 nos. of JGY feeders, one from each circle, have been identified to carry out study. As a first step of energy audit activity meter installation activity on transformers of the selected feeders is being carried out. Out of 322 nos. of transformers 298 nos. of meters have been installed and statement of manual meter reading started and energy audit carried out for high T & D losses, 16 nos. of Distribution transformers for ONN subdivision sample cases for the same is annexed as Annexure 2.

PGVCL has selected 14 JGY feeders to carry out study. Details of Energy Audit of JGY feeders selected in pilot study is annexed as Annexure 2.

2.2 Agenda Item No. 5: It was requested to MDs of all four State Owned DISCOMs to meet the chairpersons of CGRFs after completion of each meeting of the CGRF for knowledge sharing and also to review all the orders and expedite the process of implementation of the orders of CGRFs.

Action Taken Reports of DISCOMs:

DGVCL has stated that MD has reviewed compliance of CGRF as well as Ombudsman orders on a regular basis. It is reviewed during Superintending Engineers' conference and HoD meetings at corporate level.

MGVCL has stated that it marks all the copies of CGRF and Ombudsman orders to MD for review and implements the directives given thereafter scrupulously.

PGVCL has stated that the meeting is being arranged at MD level with officers of the rank of Superintending Engineer every month to review the performance and progress on various aspects/ activities. During the course of meetings, orders issued by CGRFs and Ombudsman are reviewed.

UGVCL has not commented anything on the said matter.

2.3 Item No. 7: It was advised to CEI, SLDC, GEDA and representative of the Commission to arrange a special meeting to discuss the issue about monitoring of RPO of captive and open access users.

Action Taken Report: Meeting in this regard was held on 23.12.2016 at the office of the Commission. Minutes of the meeting is annexed herewith as Annexure IV.

Agenda Item No. 3:

Amendment in GERC (Electricity Supply Code and Related Matters) Regulations, 2015

The Electricity Supply Code Review Panel, formulated in accordance with the GERC (Electricity Supply Code and Related Matters) Regulations, 2015 has recommended a few amendments in the Supply Code Regulations. Draft amendment was hosted on the Commission's website for inviting comments/ suggestions from various Stakeholders and public notices were also given in the newspapers in this regard. Public hearing was conducted on 24.10.2016 at 11:30 AM at the office of the Commission. After deliberations on the comments/ suggestions final draft is prepared and sent for notification. Major amendments included in the final Regulations are as under;

- Latest Municipal Tax Demand notice or any other related documents has been approved as acceptable proof of ownership or occupancy of premises for the connections sought for residential purpose only;
- Priority shall be given to senior citizens, differently abled persons and women for payment of bills. Display board about priority to senior citizens, differently abled persons and women be kept at prominent location at each collection window. The licensee shall create an appropriate infrastructure including ramp to facilitate senior citizens and differently abled persons to reach at collection window;

- In case of instance of dishonor of cheque, the consumer can make payment through company's online payment portal or banker's cheque (pay order) or through RTGS/NEFT.
- In the assessment formula for unauthorized use of electricity/ electricity theft at Annexure IV of the Supply Code Regulations, 2015, H has been specified as Number of hours of the days of the period considered as per Clause 7.7 of the GERC (Electricity Supply Code and Related Matters) Regulations, 2015.
- In the assessment formula for unauthorized use of electricity/ electricity theft at Annexure IV of the Supply Code Regulations, 2015, for Agriculture Metered consumers load factor has been amended as 1) for consumers getting power supply from agriculture dominant feeder – 25% and ii) for consumers getting power supply from other than agriculture dominant feeder – 50%.
- In the assessment formula for unauthorized use of electricity/ electricity theft at Annexure IV of the Supply Code Regulations, 2015, in case of direct theft of all electricity for all category of consumers, load factor to be considered as 1.25 times the Load factor for relevant consumer categories, subject to maximum 100%

Agenda Item No. 4

Standard of Performance (SoP)

Utility wise report for electrical accidents for FY 2016-17 for Q1 and Q2 along with reports of similar quarters of FY 2015-16 are kept as Annexure 3.

Agenda Item No. 5

Presentation by Asia Power Quality Initiative

APQI, or the Asia Power Quality Initiative, is a joint effort of the International Copper Association, the International Copper Association India (ICAI), the Electrical and Electronics Institute, Thailand, the University of Bergamo (Italy) and the European Copper Institute (ECI, Belgium). APQI aims to create an independent platform that would build awareness and capacities on issues related to Power

Quality. The initiative has local chapters in as many as seven Asian and Southeast Asian countries. In India, the International Copper Association India (ICAI) leads the initiative. APQI has also assisted the Forum of Regulators Working Group on 'Power Quality' to consider need of regulatory intervention in addressing the issue in the power sector and published a white paper on Power Quality Regulations in India.

The Commission has found it appropriate to invite delegates from APQI to make a presentation on Power Quality to address the issues related to power quality and how it can be remedied.

Agenda Item No. 6:

Determination of Generic Tariff and other terms and conditions for procurement of power by Distribution Licensees from Municipal Solid Waste to energy projects.

The Commission vide order no. 4 of 2016 dated 10.11.2016 determined generic tariff and other terms and conditions for procurement of power by Distribution Licensee from Municipal Solid Waste to energy projects. Salient features of the Order are;

- Control period is up to 31st March 2019 from the date of issue of the order.
- No commercial impact in case of deviation from the scheduled power for a period of one year from the date of commissioning of the project.
- MSW to energy projects are provided with MUST RUN status.
- Interconnection and metering point will be at the nearest GETCO sub-station/ system of distribution licensee, as the case may be.
- Two different levelised single part tariff i.e. with the benefit of accelerated depreciation and without the benefit of accelerated depreciation are decided.
- VGF benefit as and when is provided by the Government, the same shall be in addition to the tariff determined in this order. In case the VGF benefit is quoted negative by the project developer, in that case the entire benefit should be passed on to GUVNL/Distribution Licensees.
- If the project developer receives any benefit of capital subsidy or any capital financial assistance towards the cost of project, in such case either purchaser of

energy or the project developer or UDD/ULB/Municipal Corporation shall approach the Commission for re-determination of tariff so as to pass on the benefit to the consumers.

- No Cross Subsidy Surcharge and Additional surcharge shall be applicable in case of third party sale.
- MSW to Energy project owners, who desire to wheel electricity for captive use / third party sale, to two or more locations, shall pay 5 Paisa/kWh on energy fed into the grid to the distribution company concerned in whose area power is consumed in addition to above mentioned transmission charges and losses, as applicable.
- Banking of surplus energy and purchase of surplus power from projects opting for captive use and third party sale under Open Access and not registered under REC.

Agenda Item No.7

Status of Renewable Purchase Obligation (RPO)

The Commission notified the Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) Regulations, 2010 dated 17.04.2010 and also amended the said regulations vide notification dated 04.03.2014 prescribing the minimum quantum of energy to be purchased (in %) by obligated entities from renewable energy sources.

Regulation 4 of the principal Regulations provides for the ‘Quantum of Renewable Purchase Obligation’ and as per the amended Regulation, the RPO percentage for obligated entities for the FY 2016-17 is as under:

	Minimum Quantum of purchase (in %) from renewable energy sources (in terms of energy in kWh)			
Year	Total	Wind	Solar	Others (Biomass, Bagasse, MSW etc.)

2016-17	10.0	7.75	1.75	0.5
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According to Regulation 6 of the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 the Commission directed the State Agency, i.e. GEDA and other obligated entities, of the State to submit their RPO compliance status report in the prescribed format on quarterly basis for the respective year.

Action Taken Report by the State Agency and Other Obligated Entities:

The details submitted by the State Agency (GEDA) and other obligated entities upto 2nd Quarter, i.e. April 2016 to September 2016 for the FY 2016-17 are as under:

RPO Status report of obligated entities for the period of April to September, 2016 (Up to 2nd Quarter of FY 2016-17)							
GUVNL – Estimated Consumption of units during 2016-17 – 72972 Mus Upto Quarter 2 estimated consumption 36486 Mus.							
	RPO 2016-17 (%)	Required Mus	Purchased Mus	REC's purchased Mus	Total Mus upto present quarter	Shortfall /(Excess) in Mus	RPO Achieved (%)
Solar	1.75	638	634	0	634	4	1.73
Non-Solar	8.25	3010	3058	0	3058	(48)	8.38
Total	10.00	3648	3692	0	3692	(44)	10.11
TPL (Ahd + Surat) – Upto Q-2 Consumption of units during FY 2016-17 – 6120.13 Mus							

Solar	1.75	107.10	139.13	0	139.13	(32.03)	2.27
Non-Solar	8.25	504.91	131.81	64.82	196.63	308.28	3.21
Total	10	612.01	270.94	64.82	335.76	276.25	5.48
Torrent Energy (Dahej) – Upto Q-2 Consumption of units during FY 2016-17 - 130.47 Mus							
Solar	1.75	2.28	0	0	0	2.28	0
Non-Solar	8.25	10.76	0	0	0	10.76	0
Total	10.00	13.04	0	0	0	13.04	0
MPSEZ Utilities Pvt. Ltd. – Consumption of units during FY 2016-17 – 100.1 Mus							
Solar	1.75	1.75	0	1.77	1.77	(2)	1.77
Non-Solar	8.25	8.26	0	8.30	8.30	(4)	8.28
Total	10.00	10.01	0	10.07	10.07	(6)	10.05

Agenda Item No. 8

Wind Tariff Order No. 2 of 2016

The Commission passed Order No. 02 of 2016 dated 30.08.2016 for determination of Tariff for Procurement of Power by the Distribution Licensees and Others from Wind Power Projects.

Salient Features of the tariff orders are as under:

- The control period of this order is from 30.08.2016 to 31 March 2019.
- Considering the small capacities and diverse ownership of the wind power projects, the Commission determined the generic wind power tariff, rather than going for a project specific tariff on case-to-case basis.
- The developer of wind power projects shall be responsible to construct the power evacuation line from wind farm switchyard to GETCO sub-station up to 100 km length without any additional cost.

The operational and financial parameters considered by the Commission for determination of wind power tariff are given in the table below:

Parameters for the new control period	
Project Cost	
Capital Cost including Land, Plant & Machinery, F & S facilities, LVRT, Erection and evacuation infrastructure cost (Rs Lakh/MW)	615
Normative O&M cost for first year (Rs Lakh/MW)	9.90
Escalation in O & M (per annum from 2nd year)	5.72%
Performance Parameters	
CUF	24.5%
Project life in Years	25
Financial Parameters	
Debt-Equity ratio	70:30
Term of Loan in Years	10
Interest on Term Loan	11.80%
Interest on Working Capital	11.80%
Depreciation	7% (for the first 10 years) 1.33% (from 11 to 25 years)

Parameters for the new control period	
Return on Equity	14%
Minimum Alternate Tax	21.34%
Corporate Income Tax	34.61%
Discount rate	10.04%
Gross Tariff	Rs 4.72 per kWh
Depreciation Benefit	Rs 0.53 per kWh
Net Tariff	Rs 4.19 per kWh

The net tariff determined by the Commission is Rs 4.19/kWh payable by the distribution licensees to wind turbine generators which are installed and commissioned during the control period of this order for which the PPAs shall be signed by the distribution licensees with the Wind Turbine Generators.

Agenda Item No. 9

Hydro Tariff Order No. 5 of 2016

The Commission has issued order dated 14.12.2016 in the matter of determination of Tariff and other terms & conditions for procurement of Power by Distribution Licensees from small, mini and micro hydro power projects in the State of Gujarat.

Salient Features of the tariff orders are as under:

- The control period of this order is from 14.12.2016 to 31 March 2019.
- The generic tariff is determined on levelized basis over the useful life of the small, mini and micro hydro power projects.
- The useful life of the small, mini and micro hydro power projects and the tariff period as 35 years.
- As per definition of CEA, the SHP projects are classified as micro hydro projects having capacity up to 100 kW; mini hydro project with capacity

from 101 kW up to 2MW and small hydro projects with capacity beyond 2 MW up to 25 MW.

The operational and financial parameters considered by the Commission for determination of tariff from small, mini and micro hydro power projects are given in the table below:

Parameters	Decided for next control period	
	Below 5 MW	5 – 25 MW
Project Cost		
Total Project Cost (Land + Plant & Machinery + Erection Cost + Evacuation Infrastructure Cost up to GETCO Sub-station) (Rs. Lakh/MW)	820	748
Normative O&M Cost for first year (% of project cost)	3.3%	2.5%
Escalation in O&M (per annum from 2nd year)	5.72%	5.72%
Performance Parameters		
CUF	42%	42%
Auxiliary Consumption	1%	1%
Project Life in Years	35	35
Financial Parameters		
Debt-Equity ratio	70:30	70:30
Term of Loan in Years	10	10
Interest on Term Loan	11.40%	11.40%
Interest on Working Capital	11.40%	11.40%
Depreciation	7% (for first 10 years) 0.8% (from 11 to 35 years)	7% (for first 10 years) 0.8% (from 11 to 35 years)
Minimum Alternate Tax	21.34%	21.34%
Corporate Income Tax	34.61%	34.61%
Return on Equity	14%	14%

Parameters	Decided for next control period	
	Below 5 MW	5 – 25 MW
Discount Rate	9.72%	9.72%
Tariff	Gross Tariff – Rs 4.32 / kWh AD benefit – Rs 0.38 / kWh Net Tariff – Rs 3.94 / kWh	Gross Tariff – Rs 3.64 / kWh AD benefit – Rs 0.35 / kWh Net Tariff – Rs 3.29 / kWh

The net tariff determined by the Commission is Rs 3.94/kWh for SHP projects up to 5 MW and Rs 3.29/kWh for SHP projects above 5 MW and upto 25 MW projects; payable by the distribution licensees to the SHP projects commissioned during the control period of this order for which the PPAs shall be signed by the distribution licensees with the Small Hydro Generators.

Agenda Item No. 10

Discussion Paper for determination of tariff for procurement of power by Distribution Licensees and other from Biomass based Power Projects and Bagasse based co-generation projects for the State of Gujarat.

The Commission had issued discussion paper on determination of generic tariff for procurement of power by distribution licensees and others biomass based power projects and bagasse based co-generation projects for the State of Gujarat on 25/05/2016. The comments and suggestions on the discussion paper were invited from the stakeholders on or before 15.06.2016 and the public hearing was conducted on 20.06.2016. It was observed by the Commission that there is no scientific data with regards to biomass price available in the State of Gujarat. The GEDA which is a nodal agency for the promotion of renewable energy has also not provided any details, based on the scientific method the price of biomass prevailed in the State of Gujarat. The Hon'ble APTEL had in Appeal No. 132 and 133 of 2012 and O.P. No. 3 of 2012 decided and directed to the Commission to determine the biomass price based projects with consideration of the scientific study of such fuel in the State and the same may be considered for determination of tariff and the same is also upheld by the Hon'ble Supreme Court of India. The Commission has therefore, decided to determine the biomass price based on the scientific study in the State of Gujarat by engaging third

party organization for the aforesaid study. The Commission will determine and finalise the tariff of biomass and bagasse based projects with consideration of report submitted by the third party to whom the work for determination of biomass price assign by the Commission.

Agenda Item No. 11

Status of Transmission Projects

GETCO shall make a presentation of status of Transmission Projects.

Agenda Item No. 12

Status of RPO - Presentation by GEDA.

Agenda Item No. 13

Presentation on Power Sector Scenario by GUVNL.

Agenda Item No. 14

Any other Item with the permission of Chair.

Annexure 1

Stats of DTs metered as on 31.10.2016

DGVCL

Category	No. of DTs as on 31.10.2016	No. of DTs metered as 31.10.2016	%
Industrial	12738	9353	73.43%
GIDC	5421	5035	92.88%
Urban	14123	12550	88.86%
JGY	20627	13448	65.20%
AG-DOM	68483	45157	65.94%
Total	121392	85543	70.47%

MGVCL

Category	No. of DTs	No. of DTs metered	%
Industrial	1595	1595	100%
GIDC	2739	2739	
Urban	12945	12945	
JGY	25502	25502	
AG-DOM	76746	76746	
Total	119527	119527	

PGVCL

Category	No. of DTs	No. of DTs metered	%
Industrial	8402	8402	100%
GIDC	2892	2892	100%
Urban	41939	41360	98.62%
JGY	43703	43703	100%
AG-DOM	500442	378274	75.59%
Total	597378	474631	79.45%

UGVCL

Category	No. of DTs	No. of DTs metered	%
Industrial	6565	6160	93.83%
GIDC	1404	1257	89.53%
Urban	12184	11146	91.48%
JGY	25702	22434	87.29%
AG-DOM	189922	140679	74.07%
Total	235777	181676	77.05%

Annexure 2

DGVCL

Sr. No.	Circle	Sub division	Feeder Name	Category	Consumption Period from / / 2016 to / /2016	Unit consumption on DT meter	Consumption of all consumers of Transformer (for same billing period)	Difference of consumption on DT and consumer	% loss of DT
1	Bharuch	Netrang	Kavachiya	JGY	07.05.16 TO 23.08.16	105263.1	102081.4	3181.7	3.02
2	Bharuch	Netrang	Kavachiya	JGY	07.05.16 TO 23.08.16	13911.9	11308.6	2603.3	18.71
3	Bharuch	Netrang	Kavachiya	JGY	07.05.16 TO 23.08.16	5004.5	4752.6	251.9	5.03
4	Surat City	Oon	11 KV Soneri	JGY	03.05.16 TO 13.05.2016 --- 01.07.2016 TO 11.07.2016	482920	640087	-157167	-32.55
	Remark			DUE TO PROGRAMME ERROR ONE MONTH CONSUMPTION OF CY 05 CONSUMER NOT REFLECTED IN DTC CONSUMER SOLD OUT AND THIS POINT IS RAISED TO IT DEPARTMENT CORPORATE OFFICE.					
5	Valsad	Dharampur - 2	Barsol	JGY	01/06/2016 TO 08/06/2016	1607	1478	129	8.03
6	Surat r Bharuch	Uchchhal Netrang	11kv kamlapor Kavachiya	JGY JGY	Nil 07.05.16 TO 23.08.16	Nil 105263.1	Nil 102081.4	Nil 3181.7	nil 3.02

MGVCL

Sr. No.	Circle / Sub division	Feeder Name	Consumption Period from / / 2016 to / /2016	Category	Unit consumption on DT meter	Consumption of all consumers of Transformer (for same billing period)	Difference of consumption on DT and consumer	% loss of DT
1	Anand / Ankjav	Bhetasi	Aug-Sept-16 billed in Oct-16	JGY	642006	393546	248460	38.70
2	Baroda OM / C'Udepur	Nana Rampura	June-July-16 billed in Aug-16	JGY	226277	91019	135258	59.78
3	Nadiad / Kapadvanj E	Aminpura	June-July-16 billed in Aug-16	JGY	75840	49583	26257	34.62
4	Godhra / Santrampur-2	Navagam	June-July-16 billed in Aug-16	JGY	369619	291832	77787	21.05

PGVCL

Sr. No.	Circle	Sub division	Feeder Name	Category	Consumption Period from / / 2016 to / / 2016	Unit consumption on DT meter	Consumption of all consumers of Transformer (for same billing period)	Difference of consumption on DT and consumer	% loss of DT
1	MRB	CHARADVA	RANCHODGADH	JGY	15.06.16 TO 24.08.16	82500	44120	38380	46.52
2	BTD	DHOLA	CHITRAVAV	JGY	12.07.16 TO 25.11.16	224315	82627	141688	63.16
3	BTD	GADHADA R-2	ISHVARIYA	JGY	19.09.16 TO 26.11.16	748364	517495	230869	30.85
4	BHJ	DESHALPAR	MADHAPAR	JGY	21.08.16 TO 13.09.16	473245	418259	54986	11.62
5	BHJ	NAKHATRANA	GANESH	JGY	18.09.16 TO 20.11.16	131109	107510	23599	18.00
6	JND	VISAVADAR-2	ISHWARIYA	JGY	28.03.16 TO 13.10.16	248746	214671	34075	13.70
7	BVN	GARIYADHAR-2	BHANDARIYA	JGY	25.09.16 TO 24.11.16	78011	41670	36341	46.58
8	BVN	VARTEJ	NAVYUG	JGY	23.06.16 TO 20.08.16	565186	398321	166865	29.52
9	AMR	RAJULA TOWN	BARPATOLI	JGY	12.08.16 TO 20.10.16	122765	84074	38691	31.52
10	AMR	DHOKADVA	CHIKHALKUBA	JGY	19.08.16 TO 12.10.16	534018	465652	68366	12.80
11	PBR	CHORVAD	SIDOKER	JGY	15.09.16 TO 26.11.16	16172	10252	5920	36.61
12	PBR	COASTAL	NARVAI	JGY	21.10.16 TO 25.11.16	176414	141069	35345	20.04
13	SNR	RAJSITAPUR	BHADESHWAR	JGY	07.05.16 TO 06.08.16	294696	187510	107186	36.37
14	SNR	LIMBADI R	KATARIYA	JGY	19.07.16 TO 11.10.16	8347	5774	2573	30.83

UGVCL

Sr. No.	Circle	Feeder Name	Category	Consumption Period from / / 2016 to / /2016	Unit consumption on DT meter	Consumption of all consumers of Transformer (for same billing period)	Difference of consumption on DT and consumer	% loss of DT
1	MSN	11 kV Badarganj JGY	JGY	09.03.2016 to 24.10.2016	141449	860094	554355	39.19
2	SBT	CITY-03	Urban	18.04.2016 to 08.10.2016	6565180	4428777	2136403	32.54
3	SBT	11 kV Khicha FDR	JGY	18.04.2016 to 09.11.2016	4066367	1278977	2787390	68.55
4	PLN	Indranagar	JGY	04.04.2016 to 10.12.2016	1065215	700947	364268	34.20
5	HMT	11 kV Mankdi	JGY	21.04.2016 to 22.11.2016	1352380	968392	383988.2	28.39

Feeder loss comparison of selected feeders

DGVCL

Circle Name	Feeder Name	Category	SEPT-2015			SEPT 2016		
			Sent MUs	Sold MUs	% loss	Sent MUs	Sold MUs	% loss
Bharuch	Kavachiya	JGY	5.350	0.850	84.11	3.688	0.602	83.69
Surat R	11kv Kamlapor	JGY	3.49	1.37	60.78	4.07	1.45	64.33
Surat City	11 KV Soneri	JGY	3.52	2.55	27.55	3.54	2.61	26.35
Valsad	Barsol	JGY	9.15	2.82	69.17	9.08	3.15	65.29

MGVCL

Circle Name	Feeder Name	Category	September 2015			September 2016		
			Sent	Sold	%	Sent	Sold	%

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			MUs	MUs	loss	MUs	MUs	loss
Anand	Bhetasi	JGY	4.47	2.88	35.54	4.27	3.38	20.80
Baroda(O&M)	Nana Rampura	JGY	0.96	0.22	76.92	1.11	0.31	72.36
Nadiad	Aminpura	JGY	1.27	0.73	42.51	1.27	0.79	38.07
Godhra	Navagam	JGY	5.66	1.39	75.52	5.09	1.43	71.89

PGVCL

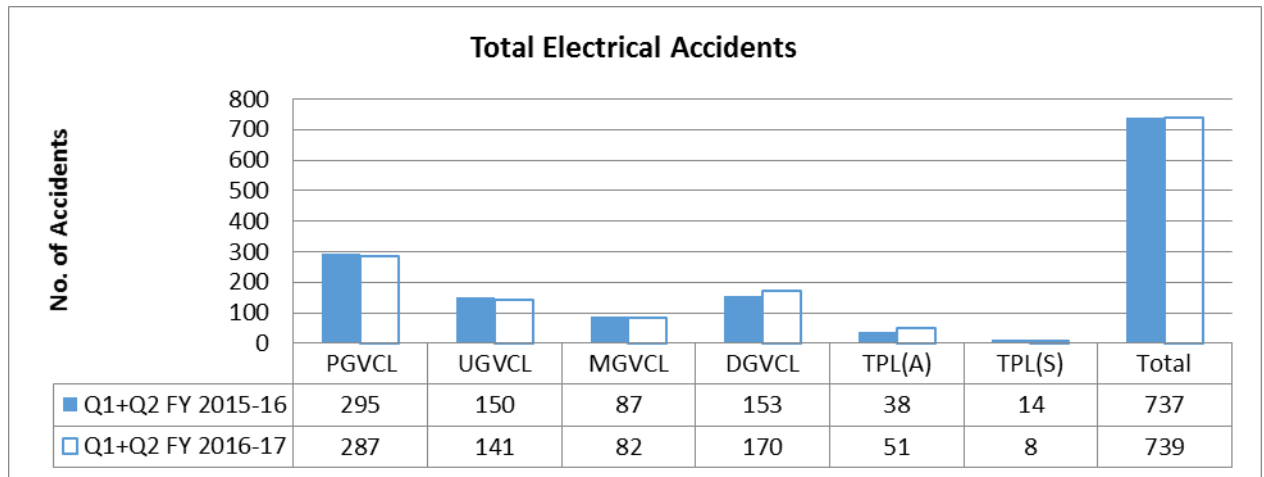
Circle Name	Feeder Name	Category	SEPT-2015			SEPT 2016		
			Sent MUs	Sold MUs	% loss	Sent MUs	Sold MUs	% loss
MRB	RANCHODGADH	JGY	1.56	0.68	56.42	0.61	0.32	46.59
BTD	CHITRAVAV	JGY	0.86	0.29	66.60	0.88	0.32	63.39
BTD	ISHVARIYA	JGY	2.66	1.57	40.80	2.58	1.59	38.41
BHJ	MADHAPAR	JGY	1.71	1.41	17.83	1.55	1.33	14.25
BHJ	GANESH	JGY	0.70	0.59	16.88	0.52	0.44	16.65
JND	ISHWARIYA	JGY	0.49	0.42	14.90	0.55	0.43	21.33
BVN	BHANDARIYA	JGY	1.11	0.45	59.19	0.90	0.48	46.74
BVN	NAVYUG	JGY	2.70	1.25	53.51	1.98	1.08	45.49
AMR	BARPATOLI	JGY	2.29	0.99	56.85	1.40	0.71	49.16
AMR	CHIKHALKUBA	JGY	1.10	0.81	26.56	1.12	0.84	25.09
PBR	SIDOKER	JGY	2.00	0.49	75.50	1.95	0.58	70.08
PBR	NARVAI	JGY	1.04	0.69	33.97	1.03	0.70	32.30
SNR	BHADESHWAR	JGY	1.81	1.05	41.91	1.99	1.56	21.77
SNR	KATARIYA	JGY	1.45	0.60	58.60	1.48	0.89	39.69

AGENDA NOTE FOR THE 18TH MEETING OF THE CO-RODINATION FORUM
UGVCL

Circle Name	Feeder Name	Category	% Loss as on March 2015	% Loss as on March 2016
MSN	Badarganj	JGY	46.36	37.91
SBT	City-3	Urban	35.60	37.23
SBT	Khicha	JGY	68.55	63.54
PLN	Indranagar	JGY	42.08	37.21
HMT	Mankadi	JGY	44.20	30.12

SoP001:Fatal and Non-fatal accident report

	YEAR	2015-16		2016-17		2015-16	2016-17
	Quarter/Discoms	Q1	Q2	Q1	Q2	Q1+Q2	Q1+Q2
Fatal Human(FH)	PGVCL	34	30	31	31	64	62
	UGVCL	24	29	25	26	53	51
	MGVCL	3	12	7	17	15	24
	DGVCL	18	24	14	33	42	47
	TPL-A	14	13	10	15	27	25
	TPL-S	6	3	5	1	9	6
	TPL-D	0	0	0	0	0	0
	TOTAL	99	111	92	123	210	215
		Quarter/Discoms	Q1	Q2	Q1	Q2	Q1+Q2
Fatal Animal(FA)	PGVCL	38	121	37	136	159	173
	UGVCL	25	46	15	52	71	67
	MGVCL	19	35	15	32	54	47
	DGVCL	21	31	14	51	52	65
	TPL-A	4	0	5	6	4	11
	TPL-S	0	3	0	0	3	0
	TPL-D	0	0	0	0	0	0
	TOTAL	107	236	86	277	343	363
		Quarter/Discoms	Q1	Q2	Q1	Q2	Q1+Q2
Non Fatal Human (NFH)	PGVCL	27	45	21	31	72	52
	UGVCL	12	14	11	12	26	23
	MGVCL	9	9	4	7	18	11
	DGVCL	28	31	31	27	59	58
	TPL-A	2	5	5	10	7	15
	TPL-S	2	0	0	2	2	2
	TPL-D	0	0	0	0	0	0
	TOTAL	80	104	72	89	184	161
		Quarter/Discoms	Q1	Q2	Q1	Q2	Q1+Q2
Total Nos. of Accidents (FH+FA+NFH)	PGVCL	99	196	89	198	295	287
	UGVCL	61	89	51	90	150	141
	MGVCL	31	56	26	56	87	82
	DGVCL	67	86	59	111	153	170
	TPL-A	20	18	20	31	38	51
	TPL-S	8	6	5	3	14	8
	TPL-D	0	0	0	0	0	0
	TOTAL	286	451	250	489	737	739



- **Total Nos. of accidents was increased in Q1+Q2 FY 2016-17 in comparison with Q-1+Q2 FY 2015-16.**
 - **Fatal Animal (FA) accidents were increased in PGVCL & DGVCL & TPL-A in Q-2 FY 2016-17 in comparison with Q-2 FY 2015-16.**
 - **Non-Fatal Human (NFH) accidents were increased in TPL-A in Q-2 FY 2016-17 in comparison with Q-2 FY 2015-16.**

Annexure 4

Minutes of the meeting to discuss the issue of monitoring of Renewable Purchase obligation (RPO) by obligated entities.

A meeting was held on 23.12.2016 at the Office of the Commission to discuss the issue of monitoring of Renewable Purchase Obligation (RPO) by the obligated entities namely, distribution licensees, Captive Generating Plants and open access consumers. The following persons were present in the aforesaid meeting:

1. Shri S.R.Pandey, Legal Advisor GERC
2. Shri B. B. Mehta, Chief Engineer, SLDC
3. Shri S. B. Patil, GEDA
4. Shri Anil Purohit GEDA
5. Ms. Namrata Bhuptani, GEDA
6. Shri M. R. Raval, Electrical Inspector
7. Shri Vishwas Dave, Electrical Inspector

The agenda for discussion of meeting was pertaining to monitoring of RPO fulfillment by the obligated entities by the GEDA, who is appointed as State Nodal Agency (SNA) by the Commission, and provide such data to the Commission for verifying compliance and further action in the matter. The data for the same is necessary to available to the GEDA from the respective obligated entities as well as cross-verification of the same needs to carry out by GEDA by obtaining the details from the Chief Electrical Inspector's Office, who is collecting the details of consumptions of CGPs by the various captive consumers. Similarly, the data for Open Access, must be made available by SLDC who carries out energy accounting of open access customers.

Shri B. B. Mehta, CE, SLDC has submitted that the data available with the SLDC is for open access consumers pertaining to scheduled energy data and not actual consumption. The same needs to be collect from the consumers and concern distribution licensees. He further submitted that the aforesaid data is available from the MIS report of the licensee, in which consumptions of HT consumers under Open Access is reflected. Hence, from the MIS data it is possible to cross verify the consumption of Open Access customers.

The undersigned, submitted that the Commission has prepared formats for inviting details of the RPO compliance by CGP and OA customers, and the same is forwarded to the distribution licensees, Chief Electrical Inspector and SLDC for obtaining the data of open access customers and captive consumers and quantify RPO of them and also to decide that how much quantum of Renewable energy needs to be procured/consumed by the Open Access customers.

The Commission has also prepared form/formats calling details from the SLDC to receive the data of Open Access customers and Captive Consumers who are wheeling the energy and consuming at the consumption place. The above data will be helpful in cross verification of RPO compliance data submitted by either licensee, CEI or consumers.

Shri M. R. Raval, on behalf of CEI, stated that they are submitting the details of captive consumers as submitted by the representatives of the Captive consumers. The details of the captive consumption is not recorded from the energy meters for the Captive consumers by the CEI representatives. Thus, veracity such data dependent of submissions of captive consumers.

On the above submission, it is clarified that the duty cast upon the Chief Electrical Inspector by the Commission to record the energy consumption of the Captive Consumers and the same needs to submitted by CEI. Therefore, the question of any discrepancy in the data of CGP consumptions is of CEI because the Commission has in its Order in Petition No. 860 of 2007 specifically assigned this duty to the CEI, because the issue of the status of CGP and cross-subsidy leviable from such CGP if arise as discrepancy of data of CGP the CEI is responsible for it.

Shri S. B. Patil, on behalf of GEDA, submitted that the Commission has notified the RPO Regulations and monitoring of the same is assigned to GEDA. He submitted that the Commission has also notified the applicability of Regulations to CGP and Open Access customers from 1.7.2015. However, the data for Captive and Open Access customers are not available completely to them. They are collecting the data from the CEI Office for Captive Generating Plants and from SLDC for Open Access customers. On verification of data it seems that some of the obligated entities i.e. Captive/Open Access customers are not fulfilling the RPO. The monitoring of the RPO compliance is therefore, necessary and if needed the proceedings on it also required to carry out.

On the above issue the undersigned has clarified that the applicability of RPO Regulations, to Captive and Open Access customers is notified by the Commission after the Order of Hon'ble High Court of Gujarat in CA Nos. 4995/2015, 4315/2015, 4334/2015, 4336/2015, 4338/2015, 4779/2015, 4778/2015 and 4804/2015 in LPA Nos. 598/2015, 599/2015, 600/2015, 601/2015, 828/2015, 829/2015, 832/2015 and 847/2015. Earlier some of the industries have challenged the applicability of RPO to CGP and Co-generation plants by filing SCA Nos. 171/2011 and allied matters before the Hon'ble High Court of Gujarat. Hon'ble High Court passed an Order dated 12.3.2015 and dismissed the above SCA filed by the Petitioners and held that RPO is applicable to CGP as well as Open Access customers. The said Order of the High Court was challenged by some of the Original Petitioners by filing LPAs and CAs with it. Hon'ble High Court of Gujarat in CA Nos. 4995/2015 and allied matters passed the Order dated 5.5.2015 and decided that the Commission may notify the Regulations for applicability for RPO to CGP and Open Access customers, however,

the it is subject to final decision of the High Court in pending LPAs. Therefore, the Commission has notified the applicability of RPO to Captive and Open Access customers by notifying the Regulations GERC (Applicability of Procurement of Energy from Renewable Energy Sources to Captive and Open Access Users) Regulations, 2015. However, the said decision is subject to final decision of High Court is pending LPAs.

After discussion, it was decided that the CEI will provide the details of Captive Consumption by the Captive users to the GEDA for monitoring of RPO compliance by such consumers to GEDA. GEDA will also ask the details from such captive consumers for compliance of RPO and submit to the Commission. As far as Open Access customers' RPO compliance is concerned, the same is obtained from SLDC and concerned licensee. The format of the same is prepared and details sought by the Commission will also be provided to GEDA. Shri B. B. Mehta, submitted that he will provide the copy of MIS report which shows the open access consumption by the consumers which will be helpful to GEDA to verify the compliance of RPO by Open Access customers. The details may also be called from Discoms on above aspect.

The undersigned has clarified that the above detail is called from the CEI, GEDA, SLDC as well as the distribution licensee as far as Open Access customers and CGPs' RPO compliance is concerned. It is also decided that the aforesaid details are called from the obligated entities i.e. CGPs and Open Access customers directly, as the distribution licensee are providing such details on quarterly basis, and cross - verify the same.